

Determining the nature, size and age of the Universe

Appendix D: Questions for Students

Reflecting on your results

Expanding universe?

Is there a pattern to your data? Are most of the galaxies moving toward Earth or away from Earth? Are you surprised?

In general, are galaxies that are further away from Earth moving differently from galaxies that are closer? In what way?

Based on the pattern of motion for the galaxies that you've found, what would our universe have looked like long ago?

Is this result what you expected to find? (Compare your result with the prediction you made earlier.)

Why do you think that the closest galaxies might be moving toward us?
Why might some of the galaxies not fit the pattern you've found?